```
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* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

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 NEWS  2  NOV 21  CAS patent coverage to include exemplified prophetic
                  substances identified in English-, French-, German-,
                  and Japanese-language basic patents from 2004-present
 NEWS  3  NOV 26  MARPAT enhanced with FSORT command
 NEWS  4  NOV 26  CHEMSAFE now available on STN Easy
 NEWS  5  NOV 26  Two new SET commands increase convenience of STN
                  searching
 NEWS  6  DEC 01  ChemPort single article sales feature unavailable
 NEWS  7  DEC 12  GBFULL now offers single source for full-text
                  coverage of complete UK patent families
 NEWS  8  DEC 17  Fifty-one pharmaceutical ingredients added to PS
 NEWS  9  JAN 06  The retention policy for unread STNmail messages
                  will change in 2009 for STN-Columbus and STN-Tokyo
 NEWS 10  JAN 07  WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
                  Classification Data

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 21:28:22 ON 25 JAN 2009

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.22       0.22

FILE 'REGISTRY' ENTERED AT 21:28:41 ON 25 JAN 2009
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STRUCTURE FILE UPDATES:   23 JAN 2009  HIGHEST RN 1095705-07-9
DICTIONARY FILE UPDATES:  23 JAN 2009  HIGHEST RN 1095705-07-9
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http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10559879-salt-cl15.str

L1   STRUCTURE UPLOADED

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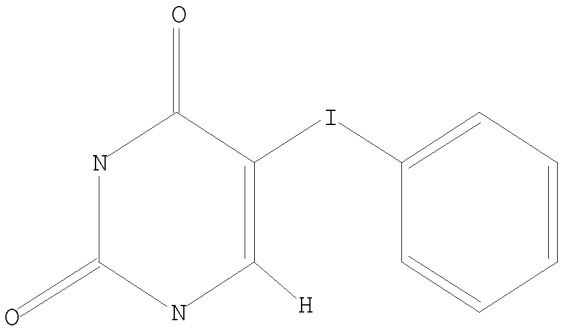
L1 HAS NO ANSWERS
L1   STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 21:29:06 FILE 'REGISTRY'
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100.0% PROCESSED   8 ITERATIONS   3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 8 TO   329
PROJECTED ANSWERS: 3 TO   163

L2   3 SEA SSS SAM L1

=> s l1 full
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100.0% PROCESSED   127 ITERATIONS   27 ANSWERS
SEARCH TIME: 00.00.01

L3   27 SEA SSS FUL L1

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L4      STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4              STR
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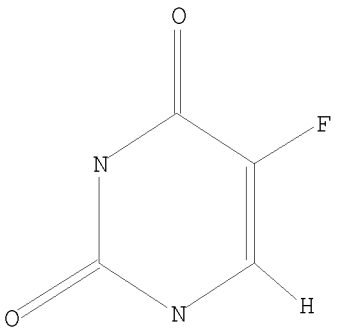


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Structure attributes must be viewed using STN Express query preparation.


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100.0% PROCESSED      610 ITERATIONS                              50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        10719 TO    13681
PROJECTED ANSWERS:            8491 TO    11149

L5           50 SEA SSS SAM L4

=> s l4 full
FULL SEARCH INITIATED 21:30:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    12361 TO ITERATE

100.0% PROCESSED    12361 ITERATIONS                            9744 ANSWERS
SEARCH TIME: 00.00.01

L6         9744 SEA SSS FUL L4

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     371.76     371.98

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FILE COVERS 1907 - 25 Jan 2009 VOL 150 ISS 5
FILE LAST UPDATED: 23 Jan 2009 (20090123/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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=> s l6
L7       25273 L6

=> s l3
L8           7 L3

=> s l6 and l3
         25273 L6
             7 L3
L9           1 L6 AND L3

=> d l9 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y

L9   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2004:546427  CAPLUS
DOCUMENT NUMBER:         141:106482
TITLE:                   Solid-phase fluorination of uracil and cytosine
INVENTOR(S):             Brady, Frank; Luthra, Sajinder Kaur; Robins, Edward
                         George
PATENT ASSIGNEE(S):      Hammersmith Imanet Limited, UK
SOURCE:                  PCT Int. Appl., 30 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
     WO 2004056400        A1    20040708    WO 2003-GB5577         20031219
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
             NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
             TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
             ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     AU 2003290297        A1    20040714    AU 2003-290297         20031219
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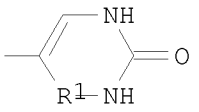
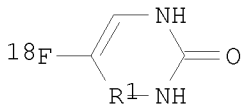
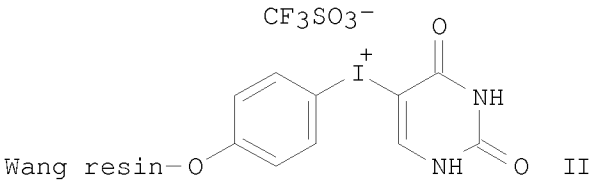
EP 1572249 A1 20050914 EP 2003-782657 20031219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
JP 2006510707 T 20060330 JP 2004-561655 20031219
US 20060120958 A1 20060608 US 2005-538904 20050614
PRIORITY APPLN. INFO.: GB 2002-29683 A 20021220
WO 2003-GB5577 W 20031219
OTHER SOURCE(S): MARPAT 141:106482
GI

Q=   I

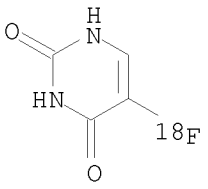
 II

AB The invention relates to a process for the production of an 18F-labeled tracer which comprises treatment of a solid support-bound precursor of formula SOLID SUPPORT-LINKER-I+-TRACER.Y- [wherein the TRACER is formula Q or an amine protected derivative thereof; wherein Y- = an anion, preferably trifluoromethylsulfonate (triflate) anion; R1 = either (i) a group CH-NP1AP2A in which P1A and P2A are each independently hydrogen or a protecting group, or (ii) a carbonyl group] with 18F- to produce the 18F-labeled tracer of formula (I) or an amine protected derivative thereof (wherein R1 is as defined above). The 18F-labeled tracers I are useful as radiotracers for positron emission tomog. (PET). Thus, etherification of 4-iodophenol with Wang resin in DMF in the presence of Cs2CO3 at 60° for 3 h gave 4-iodophenyl benzyl ether supported on Wang resin which was treated with Ac2O and H2O2 at 40° overnight to give 4-(diacetoxyiodo)phenyl benzyl ether supported on Wang resin. A suspension of the latter resin in CH2Cl2 was treated dropwise with CF3SO3H at -30 over 15 min, warmed to 0° over 15 min, and stirred at room temperature overnight, cooled to -30°, treated with 5-(dihydroxyboranyl)-1H-pyrimidine-2,4-dione, and stirred at -30° for 1 h and at room temperature overnight to give a resin-supported precursor (II). To a portion of the resin II held in a cartridge was added a solution of kryptofix, K2CO3, and [18F]fluoride and the resulting suspension was heated to 85° for 10 min to give 5-[18F]-fluorouracil.

IT 823-63-2P, 5-[18F]-Fluorouracil
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fluorine 18-labeled uracil or cytosine by solid-phase radiofluorination of uracil and cytosine as radiotracer for positron emission tomog.)

RN 823-63-2 CAPLUS

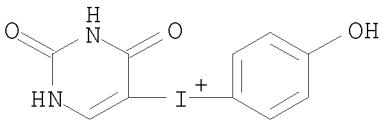
CN 2,4(1H,3H)-Pyrimidinedione, 5-(fluoro-18F)- (CA INDEX NAME)



IT 718629-60-8DP, Wang resin-bound
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fluorine 18-labeled uracil or cytosine by solid-phase radiofluorination of uracil and cytosine as radiotracer for positron emission tomog.)
RN 718629-60-8 CAPLUS
CN Iodonium, (4-hydroxyphenyl)(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

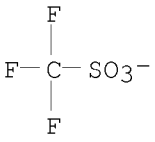
CM 1

CRN 718629-59-5
CMF C10 H8 I N2 O3



CM 2

CRN 37181-39-8
CMF C F3 O3 S



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l8 not l9
L10 6 L8 NOT L9

=> d l10 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

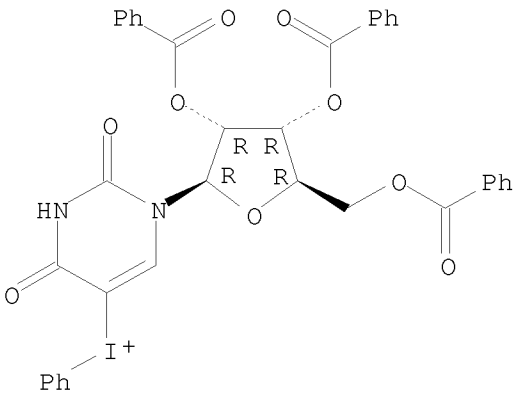
L10 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:180661 CAPLUS
DOCUMENT NUMBER: 130:252595
TITLE: Palladium catalyzed alkenylation or alkynylation at C-5 of uracil nucleosides using novel phenyliodonium triflate
AUTHOR(S): Roh, Kyoung Rok; Kim, Joong Young; Kim, Yong Hae
CORPORATE SOURCE: Department of Chemistry, Korea Advanced Institute of

Science and Technology, Taejon, 305-701, S. Korea
SOURCE: Tetrahedron Letters (1999), 40(10), 1903-1906
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A new coupling reaction between novel uracil-5-iodonium triflate and unsatd. stannane or alkenyl boronic acid is described. The reaction is achieved via palladium catalyzed cross-coupling reaction under mild conditions within short reaction time.
IT 219638-40-1 219638-44-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(palladium catalyzed alkenylation or alkynylation at C-5 of uracil nucleosides using novel phenyliodonium triflate)
RN 219638-40-1 CAPLUS
CN Iodonium, phenyl[1,2,3,4-tetrahydro-2,4-dioxo-1-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)-5-pyrimidinyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

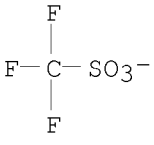
CRN 219638-39-8
CMF C36 H28 I N2 O9

Absolute stereochemistry.



CM 2

CRN 37181-39-8
CMF C F3 O3 S



RN 219638-44-5 CAPLUS
CN Iodonium, [1-[[2-(acetyloxy)ethoxy]methyl]-1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl]phenyl-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

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CRN 219638-43-4
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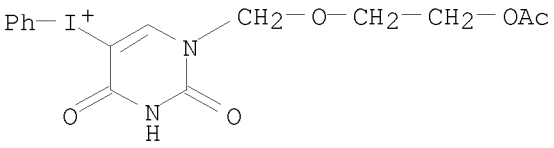

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CRN 37181-39-8
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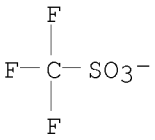

IT 219638-32-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(palladium catalyzed alkenylation or alkynylation at C-5 of uracil nucleosides using novel phenyliodonium triflate)
RN 219638-32-1 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-1,3-dimethyl-2,4-dioxo-5-pyrimidinyl)-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

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CRN 219638-31-0
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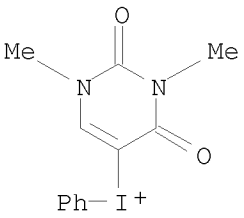

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CRN 37181-39-8
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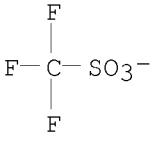

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1998:730214 CAPLUS
DOCUMENT NUMBER: 130:110513
TITLE: Novel synthesis of 5-phenyliodonium triflate substituted uracil nucleosides
AUTHOR(S): Roh, Kyoung Rok; Kim, Joong Young; Kim, Yong Hae
CORPORATE SOURCE: Department of Chemistry, Korea Advanced Institute of Science and Technology, Taejon, 305-701, S. Korea
SOURCE: Chemistry Letters (1998), (11), 1095-1096
CODEN: CMLTAG; ISSN: 0366-7022
PUBLISHER: Chemical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 130:110513
AB 5-Phenyliodonium triflate substituted uracil nucleosides have been prepared by one step reaction of uracil nucleosides with (diacetoxyiodo)benzene-trifluoromethanesulfonic acid.
IT 219638-32-1P 219638-34-3P 219638-36-5P
219638-38-7P 219638-40-1P 219638-42-3P
219638-44-5P 219638-46-7P 219638-49-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of phenyliodonium triflate substituted uracil nucleosides via iodination with (diacetoxyiodo)benzenetriflate)
RN 219638-32-1 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-1,3-dimethyl-2,4-dioxo-5-pyrimidinyl)-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 219638-31-0
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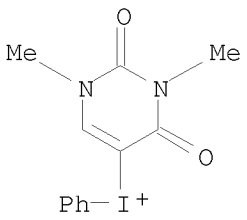

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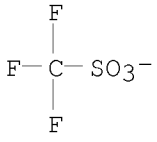

RN 219638-34-3 CAPLUS
CN Iodonium, phenyl[1,2,3,4-tetrahydro-2,4-dioxo-1,3-bis(phenylmethyl)-5-pyrimidinyl]-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

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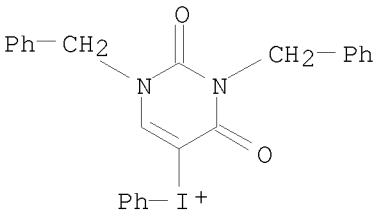

CM 2

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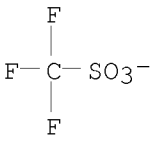
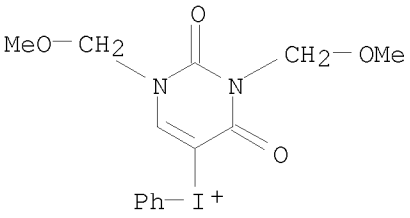


RN 219638-36-5 CAPLUS
CN Iodonium, phenyl[1,2,3,4-tetrahydro-1,3-bis(methoxymethyl)-2,4-dioxo-5-pyrimidinyl]-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 219638-35-4
CMF C14 H16 I N2 O4



CM 2

CRN 37181-39-8
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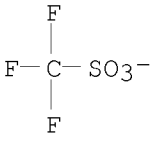
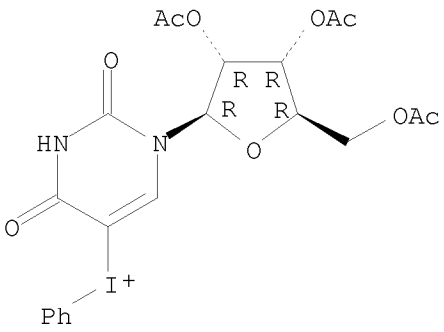


RN 219638-38-7 CAPLUS
CN Iodonium, phenyl[1,2,3,4-tetrahydro-2,4-dioxo-1-(2,3,5-tri-O-acetyl-β-D-ribofuranosyl)-5-pyrimidinyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

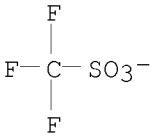
CRN 219638-37-6
CMF C21 H22 I N2 O9

Absolute stereochemistry.



CM 2

CRN 37181-39-8
CMF C F3 O3 S

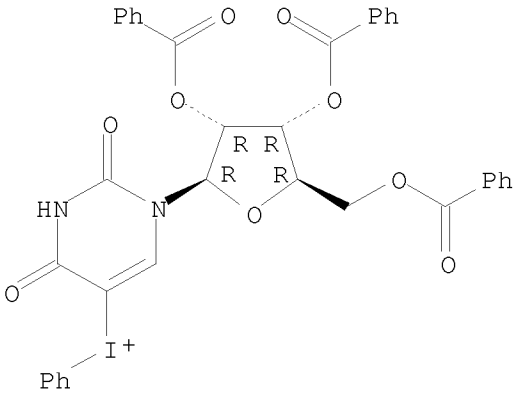


RN 219638-40-1 CAPLUS
CN Iodonium, phenyl[1,2,3,4-tetrahydro-2,4-dioxo-1-(2,3,5-tri-O-benzoyl-β-D-ribofuranosyl)-5-pyrimidinyl]-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

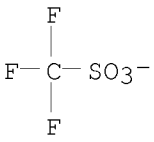
CRN 219638-39-8
CMF C36 H28 I N2 O9

Absolute stereochemistry.



CM 2

CRN 37181-39-8
CMF C F3 O3 S

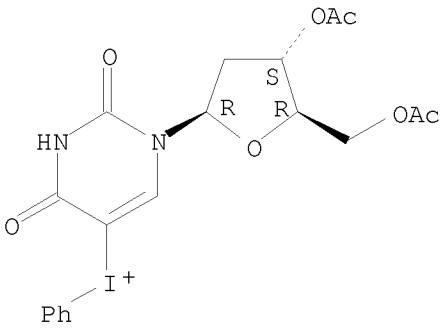


RN 219638-42-3 CAPLUS
CN Iodonium, [1-(3,5-di-O-acetyl-2-deoxy-β-D-erythro-pentofuranosyl)-1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl]phenyl-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

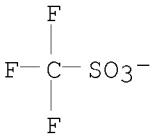
CRN 219638-41-2
CMF C19 H20 I N2 O7

Absolute stereochemistry.



CM 2

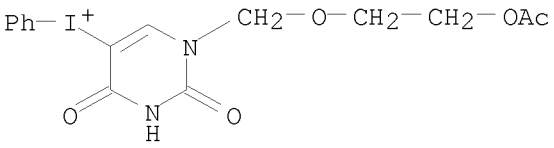
CRN 37181-39-8
CMF C F3 O3 S



RN 219638-44-5 CAPLUS
CN Iodonium, [1-[[2-(acetyloxy)ethoxy]methyl]-1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl]phenyl-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

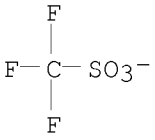
CM 1

CRN 219638-43-4
CMF C15 H16 I N2 O5



CM 2

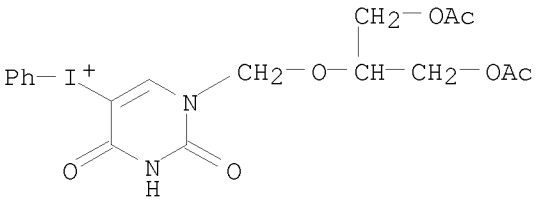
CRN 37181-39-8
CMF C F3 O3 S



RN 219638-46-7 CAPLUS
CN Iodonium, [1-[[2-(acetyloxy)-1-[(acetyloxy)methyl]ethoxy]methyl]-1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl]phenyl-, 1,1,1-trifluoromethanesulfonate (1:1) (CA INDEX NAME)

CM 1

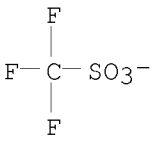
CRN 219638-45-6
CMF C18 H20 I N2 O7



CM 2

CRN 37181-39-8

CMF C F3 O3 S

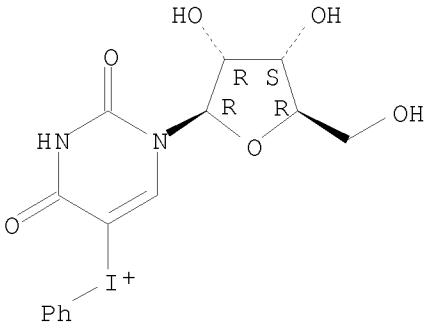


RN 219638-49-0 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-1-β-D-ribofuranosyl-5-pyrimidinyl)-, salt with trifluoromethanesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

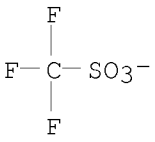
CRN 219638-48-9
CMF C15 H16 I N2 O6

Absolute stereochemistry.



CM 2

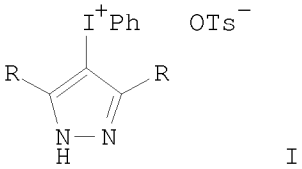
CRN 37181-39-8
CMF C F3 O3 S



REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1989:533539 CAPLUS
DOCUMENT NUMBER: 111:133539
ORIGINAL REFERENCE NO.: 111:22335a,22338a
TITLE: Fast-atom-bombardment and secondary-ion mass spectra of iodonium salts: interpretation of spectra and implications for sputtering mechanisms
AUTHOR(S): Duffin, Kevin L.; Busch, Kenneth L.; Tuncay, Atilla
CORPORATE SOURCE: Dep. Chem., Indiana Univ., Bloomington, IN, 47405, USA
SOURCE: Organic Mass Spectrometry (1989), 24(6), 391-7
CODEN: ORMSBG; ISSN: 0030-493X

DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

AB Pos.-ion fast-atom-bombardment and liquid secondary-ion mass spectra of aryliodonium salts, e.g., I (R = H, Me) and Ph2I+Br-, usually contain the intact cation as the base peak in the spectrum, along with lower abundance fragment ions that result from cleavages, rearrangements, and, in some cases, combinations of such losses with addition of hydrogen from the matrix. A rearrangement that leads to loss of the central iodine as a neutral atom occurs in source fragmentations as well as in low collision energy collision-activated dissociation Energy-released tandem mass spectrometry is used to establish the relative facilities of the rearrangement and cleavage reactions of the intact cation. Tandem mass spectrometry is also used to identify reduced forms of the intact cation and its fragments. The occurrence of these reactions implicates direct fragmentation in the condensed phase or in a solvent-salt cluster in the selvedge immediately above the sample surface.

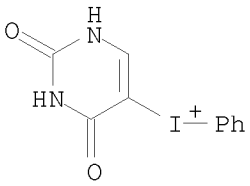
IT 42076-62-0
RL: PRP (Properties)
(SIMS of)

RN 42076-62-0 CAPLUS

CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

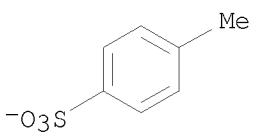
CM 1

CRN 48149-18-4
CMF C10 H8 I N2 O2



CM 2

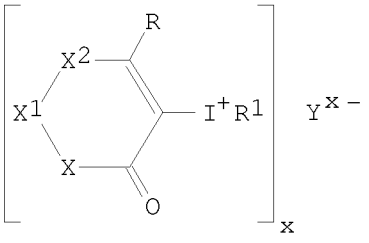
CRN 16722-51-3
CMF C7 H7 O3 S



L10 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1985:579737 CAPLUS
DOCUMENT NUMBER: 103:179737
ORIGINAL REFERENCE NO.: 103:28935a,28938a
TITLE: Photocurable compositions comprising a cationic polymerizable material and as a photoinitiator a monoaryliodonium salt
INVENTOR(S): Goodin, Johathan William; Irving, Edward
PATENT ASSIGNEE(S): Ciba-Geigy A.-G. , Switz.
SOURCE: Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 145653	A2	19850619	EP 1984-810520	19841029
EP 145653	A3	19850710		
EP 145653	B1	19870422		
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 60124622	A	19850703	JP 1984-233029	19841105

PRIORITY APPLN. INFO.: GB 1983-29395 A 19831103
OTHER SOURCE(S): MARPAT 103:179737
GI

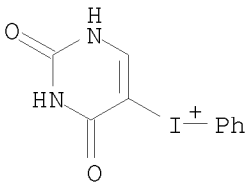


I

AB The title compns., useful as coatings, adhesives, binders, etc., contain the iodonium salts I (X, X2 = CH2, CH, O, NH; X1 = direct bond, alkylene, methine, CO; R = H, OH, alkyl, alkoxyl; R1 = Ph or substituted Ph; x = 1, 2, or 3; Yx- = anion of x valence) as photoinitiators. Thus, a PhOH-HCHO resin [9003-35-4] (viscosity 0.7 Pa-s at 25°) containing 3 phr (2-hydroxy-4,4-dimethyl-6-oxo-1-cyclohexenyl)phenyliodonium p-toluenesulfonate [81447-30-5] was coated to 8 μ on tinplate and exposed for 10 s to an 80-W/s medium-pressure Hg lamp at a distance of 20 cm to give a tack-free coating.
IT 42076-62-0
RL: USES (Uses)
(initiator, for photocuring of polymers)
RN 42076-62-0 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

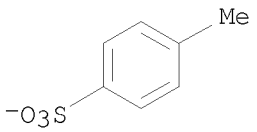
CM 1

CRN 48149-18-4
CMF C10 H8 I N2 O2



CM 2

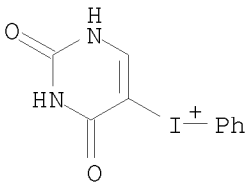
CRN 16722-51-3
CMF C7 H7 O3 S



L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1975:4204 CAPLUS
DOCUMENT NUMBER: 82:4204
ORIGINAL REFERENCE NO.: 82:727a,730a
TITLE: Iodonium derivatives of some heterocyclic compounds
AUTHOR(S): Karele, B.; Kalnina, S.; Grinberga, I.; Neilands, O.
CORPORATE SOURCE: USSR
SOURCE: Nov. Issled. Obl. Khim. Khim. Tekhnol., Mater. Nauchno-Tekh. Konf. Professorsko-Prepod. Sostava Nauchn. Rab. Khim. Fak. RPI (1973), Meeting Date 1972, 19-20. Red.-Izd. Otd. Rizh. Politekh. Inst.: Riga, USSR.
CODEN: 29ALAQ
DOCUMENT TYPE: Conference
LANGUAGE: Russian
GI For diagram(s), see printed CA Issue.
AB Uracil treated with PhI(OAc)2 in the presence of p-MeC6H4SO3H gave I (X = p-MeC6H4SO3 throughout). Analogously obtained was pyrazole II. Treatment of I and II with base gave the corresponding betaines (III, IV); indole and pyrrole similarly gave V and VI.
IT 42076-62-0P 54317-09-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 42076-62-0 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

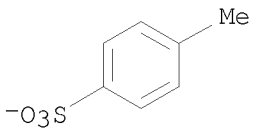
CM 1

CRN 48149-18-4
CMF C10 H8 I N2 O2

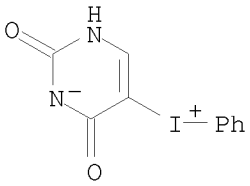


CM 2

CRN 16722-51-3
CMF C7 H7 O3 S



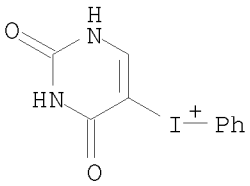
RN 54317-09-8 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, inner salt (CA INDEX NAME)



L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1973:432003 CAPLUS
DOCUMENT NUMBER: 79:32003
ORIGINAL REFERENCE NO.: 79:5193a,5196a
TITLE: Iodinium derivatives of heterocyclic compounds. II. Phenyliodonium salts and uracil betaine
AUTHOR(S): Karele, B.; Kalnins, S.; Grinberga, I.; Neilands, O.
CORPORATE SOURCE: Rizh. Politekh. Inst., Riga, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (1973), (4), 553-5
CODEN: KGSSAQ; ISSN: 0132-6244
DOCUMENT TYPE: Journal
LANGUAGE: Russian
GI For diagram(s), see printed CA Issue.
AB Phenyliodoniumpyrimidine salts (I; X = Cl, Br, I, BF4) were prepared in 74-86% yields by treatment of uracil with phenyliodoso acetate is presence of p-MeC6H4SO3H to give I (X = p-MeC6H4SO3) which was then treated with the appropriate anion in AcOH.
IT 42076-62-0P 42076-63-1P 42076-64-2P
42076-65-3P 42076-66-4P 54317-09-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 42076-62-0 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, 4-methylbenzenesulfonate (1:1) (CA INDEX NAME)

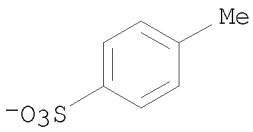
CM 1

CRN 48149-18-4
CMF C10 H8 I N2 O2

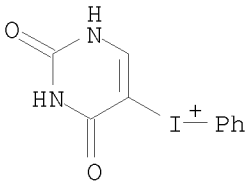


CM 2

CRN 16722-51-3
CMF C7 H7 O3 S

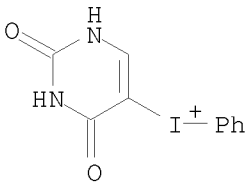


RN 42076-63-1 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, chloride (1:1) (CA INDEX NAME)



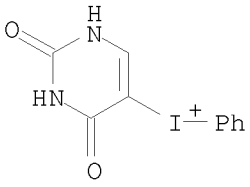
● Cl^-

RN 42076-64-2 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, bromide (1:1) (CA INDEX NAME)



● Br^-

RN 42076-65-3 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, iodide (1:1) (CA INDEX NAME)

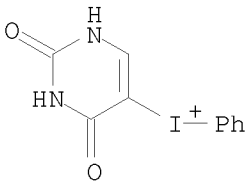


● I^-

RN 42076-66-4 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

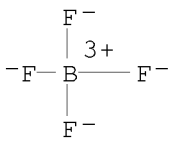
CM 1

CRN 48149-18-4
CMF C10 H8 I N2 O2



CM 2

CRN 14874-70-5
CMF B F4
CCI CCS



RN 54317-09-8 CAPLUS
CN Iodonium, phenyl(1,2,3,4-tetrahydro-2,4-dioxo-5-pyrimidinyl)-, inner salt (CA INDEX NAME)